

Amendments to the Specification:

Please replace the second full paragraph on page 1 of the Specification with the following:

Documents 1 through 3 disclose structures of proton conductor gas sensors having water reservoirs. In document 1, a sensing electrode and a counter electrode are provided on both sides of a proton conductive membrane to form a membrane electrode assembly (MEA) ~~an~~ MEA, and the MEA is sandwiched with hydrophobic and porous electro-conductive carbon sheets. The upper and lower carbon sheets are interposed by a pair of metal plates having openings, and they are fixed in a metal can with a water reservoir. Water vapor from the water reservoir moves through the opening of the lower metal plate and, via the hydrophobic carbon sheet, reaches the counter electrode. The ambient atmosphere diffuses through the opening of the upper metal plate to the sensing electrode. Thus, necessary electrode reactions take place at both the sensing electrode and the counter electrode, and the electromotive force, the current value, etc. enable the detection of a gas in the ambient atmosphere.